



APPROVED



*To Mr. Carter
for H. C. Co.*

Revised plan

S. NOS. 220. 388. 222.

STRUCTION PROFILE
AND
DECK PLANS.

220 *Nagara Maru* 1
222 **NARUTO MARU**
~~388 *Naga Maru*~~



00 9570 - 00 9579 - 00 24

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日本郵船株式會社

一般構造圖

尺度	1 : 100
工事番號	S.220-388222
横濱船渠株式會社 設計課	
課長	
係長	
係員	
製圖	M. TOME
同月年日	昭和 年 月 日
出圖	
類別番號	H.202
面番號	

2.100 - 810

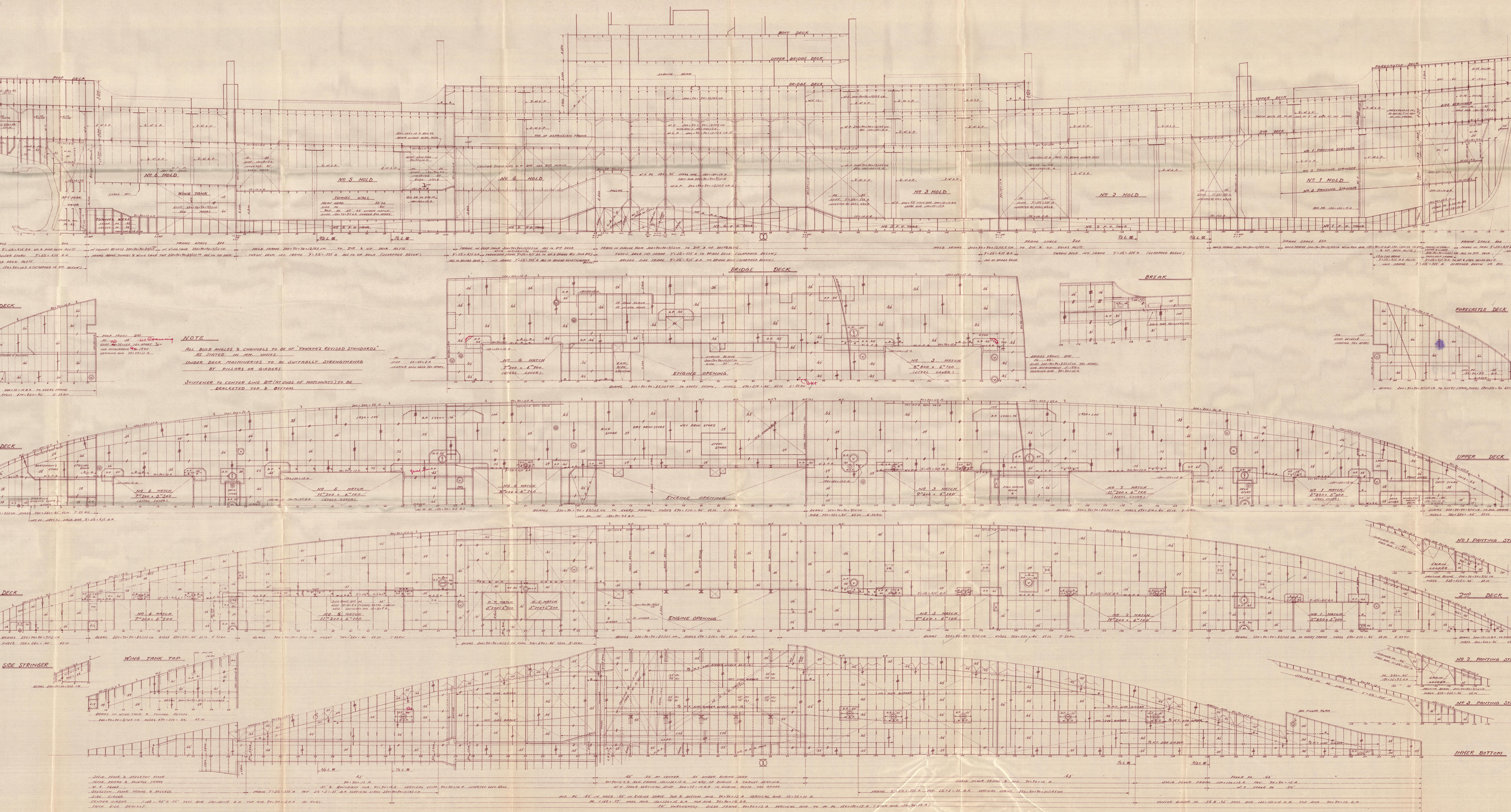
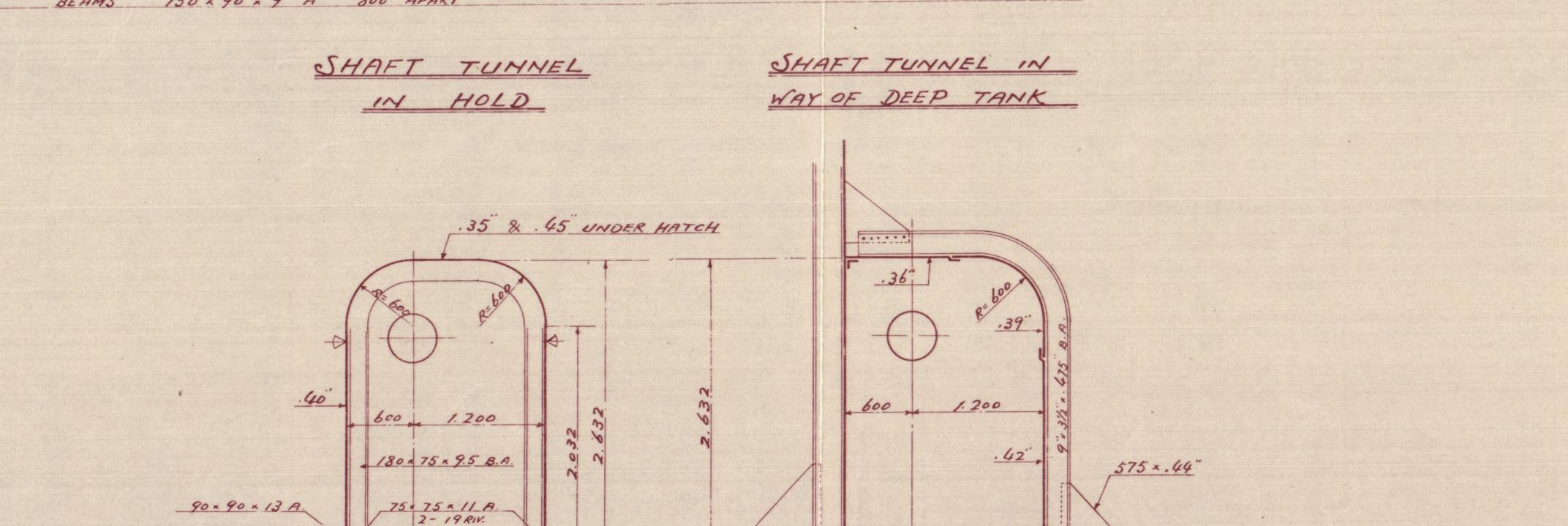
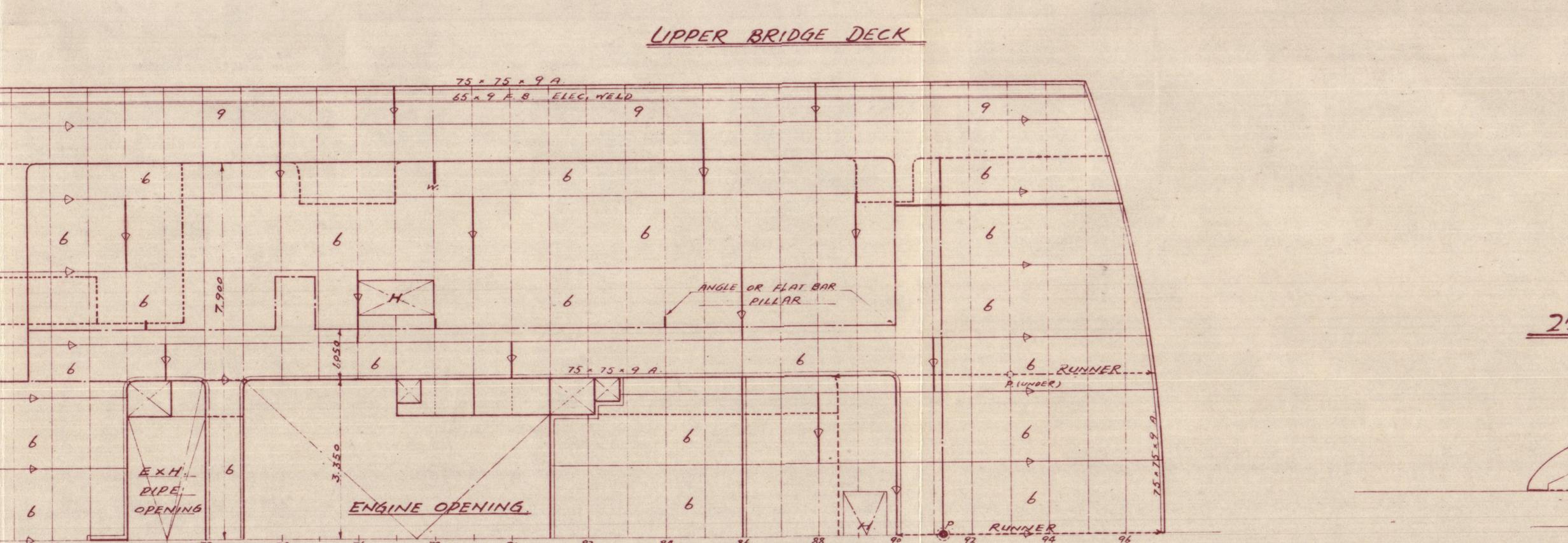
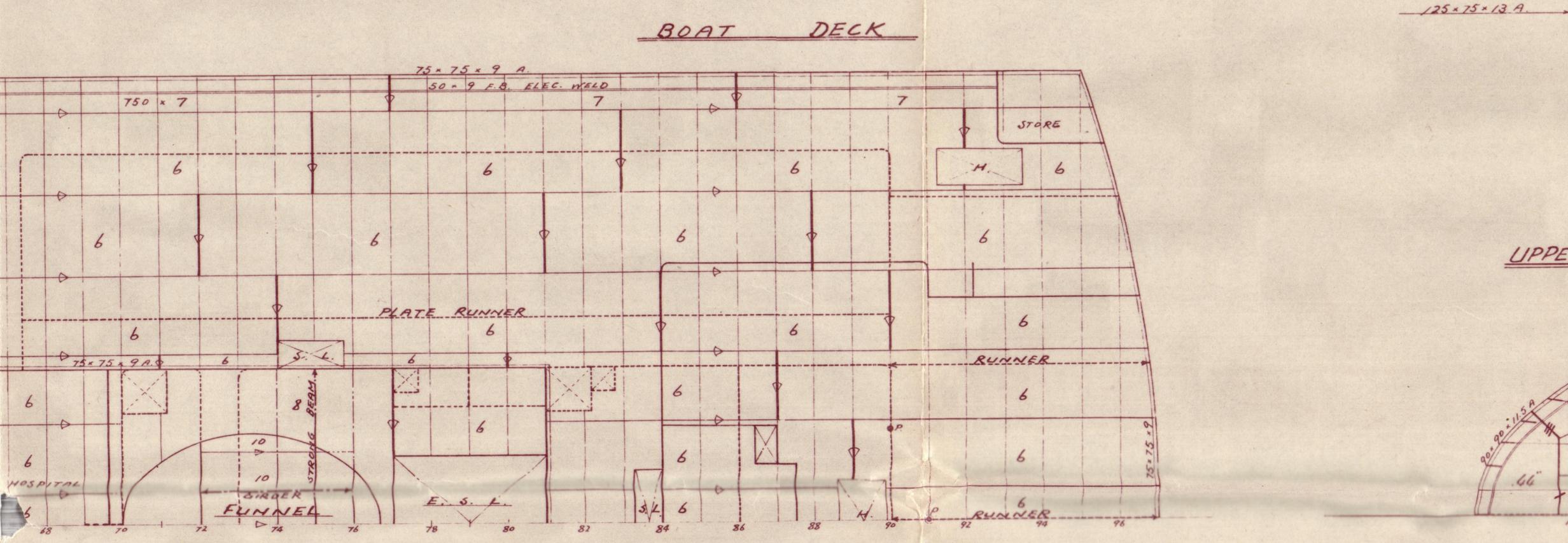
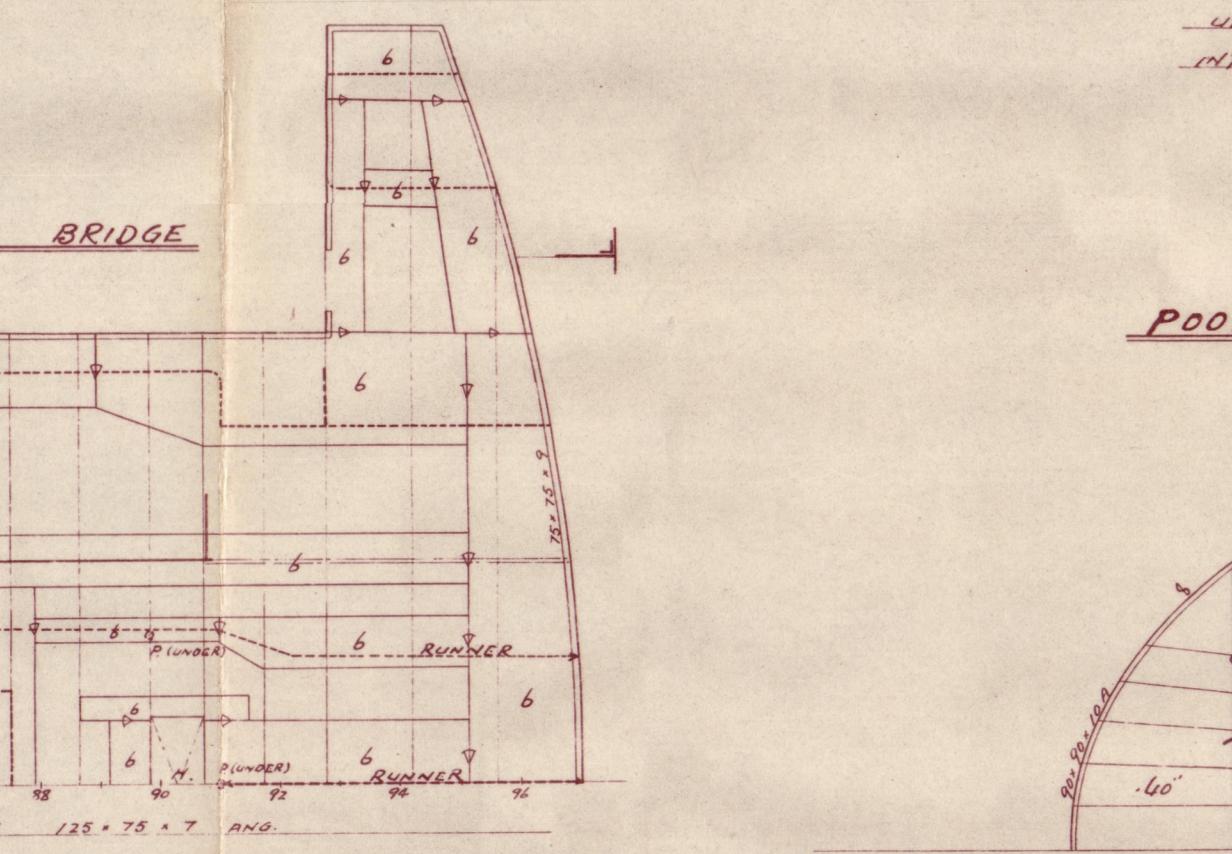
設船二三〇 協第五號

~~GEN. BOX N° 520~~

(3)



MS	DECKS	CARGO HATCH.												W.F. .48' 150 FT.
		ON BRIDGE DECK		ON UPPER DECK						ON 2ND DECK				REMARKS
HATCH WAY	Nº 3	Nº 4	Nº 1	Nº 2	Nº 3	Nº 4	Nº 5	Nº 6	Nº 1	Nº 2	Nº 3	Nº 5	Nº 6	
OF HATCH WAY	8.800x6.100	7.200x6.700	5.850x5.000	11.200x6.100	9.600x6.100	8.000x6.700	11.200x6.100	7.200x5.500	5.850x5.000	11.200x6.100	9.600x6.100	11.200x6.100	7.200x5.500	
OF WEB					6.	5.			3	7	6	7	4	
ING OF WEB					1.371	1.333			1.462	1.400	1.371	1.400	1.440	
WEB PLATE					430x.36"	445x.36"			380x.34"	480x.36"	480x.36"	480x.36"	430x.36"	I BOTH SIDE FULL WELD
TOP & BOTTOM BAR					230x.60 F.B.	230x.71 F.B.			230x.50 F.B.	230x.55 F.B.	230x.55 F.B.	230x.55 F.B.	230x.50 F.B.	DEPTH OF WEBS TAKEN TO BE INSIDE FLANGES.
COAMING	.44"	.44"	.44"	.44"			.44"	.44"						
COAMING	.44"	.44"	.44"	.44"			.44"	.44"						
COAMING ANG.	90x90x13	90x90x13	90x90x13	90x90x13	9x3½x475	9x3½x475	90x90x13	90x90x13	9x3½x475	9x3½x475	9x3½x475	9x3½x475	9x3½x475	
COAMING ANG.	"	"	"	"	"	"	"	"	"	"	"	"	"	
HATCH BOARD	STEEL COVER	STEEL COVER	STEEL COVER	STEEL COVER	65 O.P.	65 O.P.	STEEL COVER	STEEL COVER	75 O.P.					
TO SIDE COAMING	B.A.	B.A.	B.A.	B.A.			B.A.	B.A.						
" END "	"	"	"	"			"	"						



A circular purple ink stamp is positioned in the bottom right corner. The word "LLOYD'S" is printed around the perimeter of the circle. At the top of the circle, the letter "A" is printed. Below the stamp, there is a small, handwritten red mark that appears to be a signature or a mark.

Revise

S. NOS. 220.

CONSTRUCTION

AND

DECK PL

SCALE 1

日本郵便

Digitized by srujanika@gmail.com

卷之三

卷之三

卷之三

四

工番號 S. 96

設

係長	<i>John</i>
係員	

昭和年日同月出圖

別號番號 H

9 - 0024

①

~~GEN BOX NO 520~~

APPROVED



In my darker
for S. J. Cox / a

220 *Hagara Maru*

222 **NARUTO MARU**

388 *Nakao Maru*

Revised plan

S. NOS. 220, 388, 222

MIDSHIP SECTION

SCALE 1 : 25

009570 - 009579 - 0023



009570 - 009579 - 0023

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中央横斷面圖

尺度	1 : 25
工事番号	S.220-388-222.
橫濱船渠株式會社 設計課	
課長	
係長	
係員	
製圖	
同年月日	昭和 年 月 日
出圖	昭和 年 月 日
類別番號	H.201
面番號	浜 H 822

設船二三二〇 協第五號



009570-009579-0023



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MIDSHIP SECTION.

SCALE 1:25

EQUIPMENT NUMBER	
Lx(B+D)	44622x(6236+3646) = 43,189.63
FCLE	60.58x7.55x.75' = 229.78
BRIDGE	173.24x8.04x.75' = 1,044.60
POOP	23.23x7.55x.75' = 131.54
DECK HOUSES	206.73x7.71x.56' = 789.23
EQUIPMENT NUMBER	68,386.82

LIST OF EQUIPMENTS

3-BOWERS ANCHORS, STOCKLESS (EACH)	77.55"
1-STREAM ANCHOR (EX STOCK)	22.00"
300' MS 2% STUD CHAIN CABLE FOR BOWER ANCHORS	
1-120' MS 4% x 2% SPECIAL FLEXIBLE STEEL WIRE ROPE FOR STREAM ANCHOR	
1-35' MS 3% x 2% " " " " " TOW LINE	
3-10' MS 3.6% x 2% FLEXIBLE STEEL WIRE ROPE FOR MAWERS	
2-10' MS 3.6% x 2% " " " " " WARPS	
4-10' MS 3.6% x 2% M.R. FOR WARPS	

WELDING NOTE

- BUTT WELD
- INTERMITTENT LIGHT WELD
- INTERMITTENT LIGHT WELD AT BOTH SIDES
- CONTINUOUS FULL WELD
- LIGHT WELD

ALL ELECTRIC WELDING IS SUBJECT TO OWNER'S SANCTION AND TO RULE REQUIREMENTS BEING FULLY COMPLIED WITH.

FORGING & CASTING	
STEM, UPPER PORTION MILD STEEL PLATE & LOWER PORTION ROLLED BAR AS PER PLAN	
STERN FRAME, CAST STEEL AS PER DETAIL PLAN	
RUDER, SIMPLEX BALANCED STREAM LINE RUDER AS PER DETAIL PLAN	

NOTE

ALL BULB ANGLES & CHANNELS TO BE OF YAWATA STANDARDS EACH MAY BE REPLACED BY ITS EQUIVALENT.

PRINCIPAL DIMENSIONS

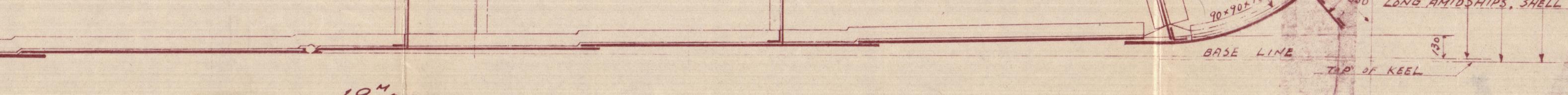
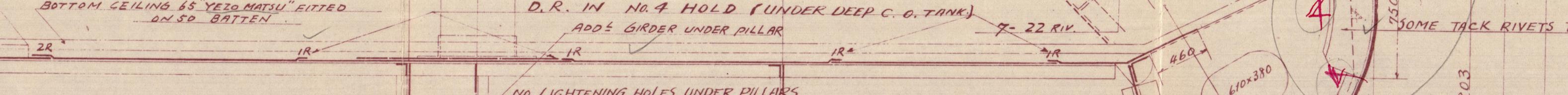
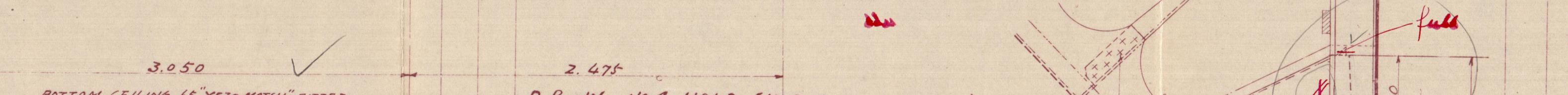
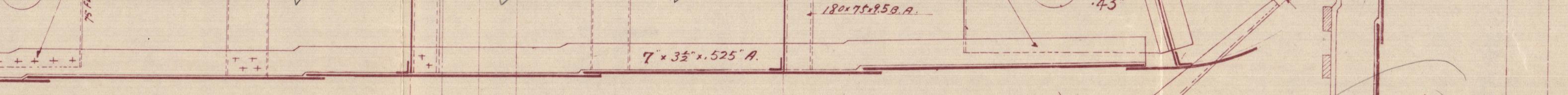
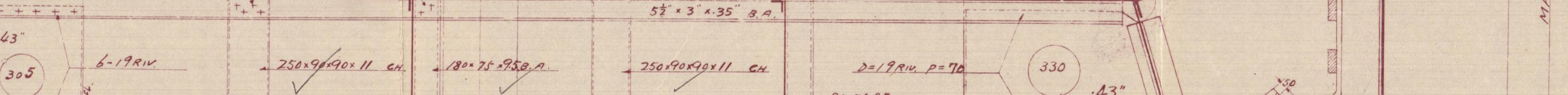
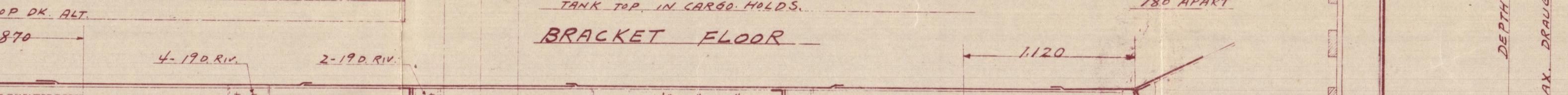
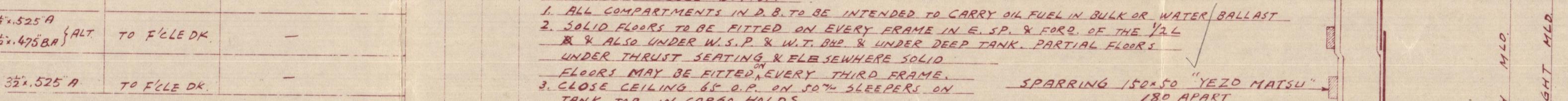
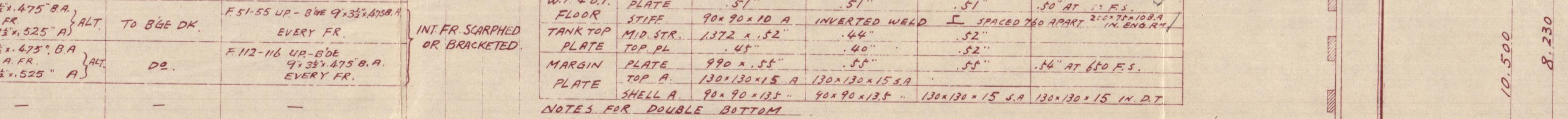
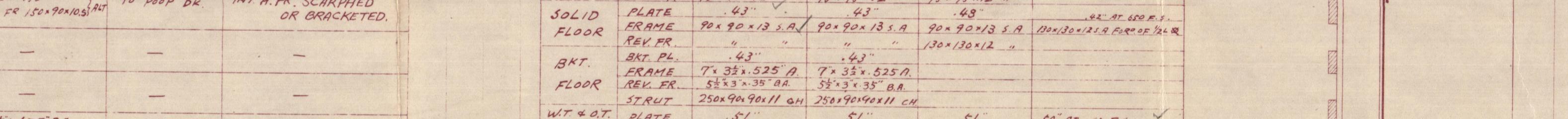
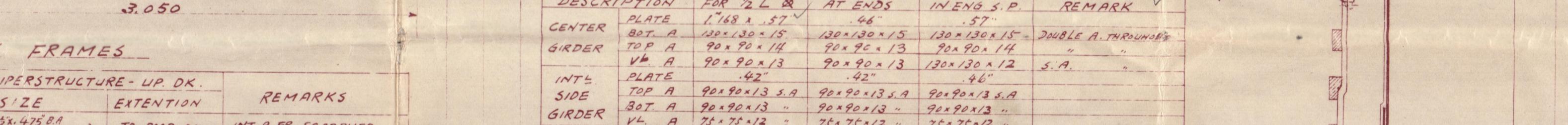
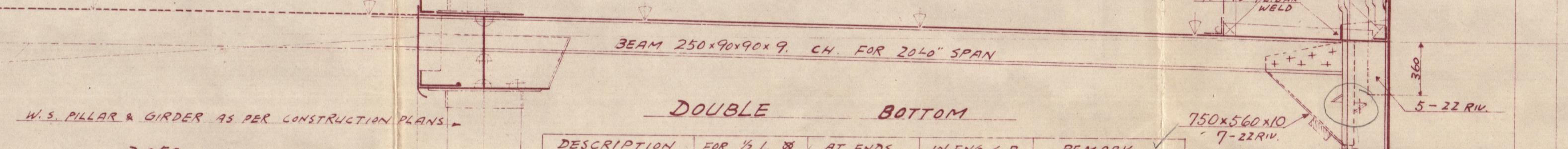
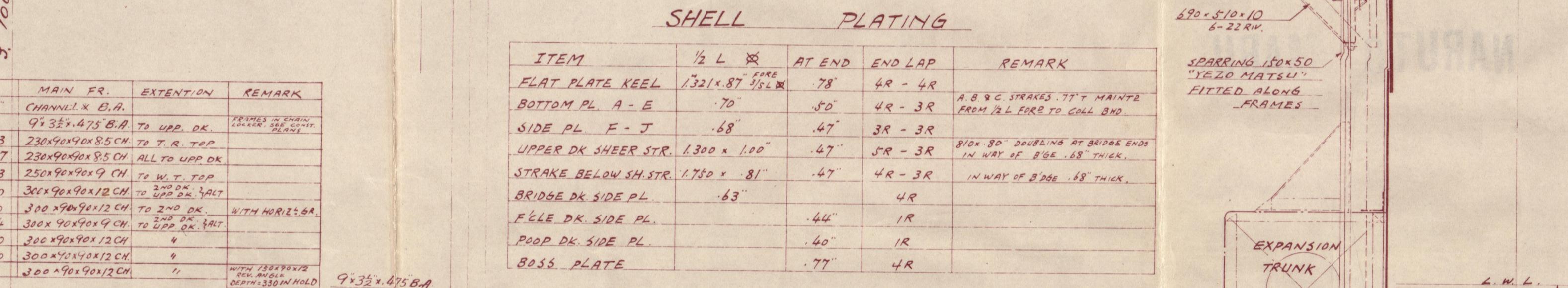
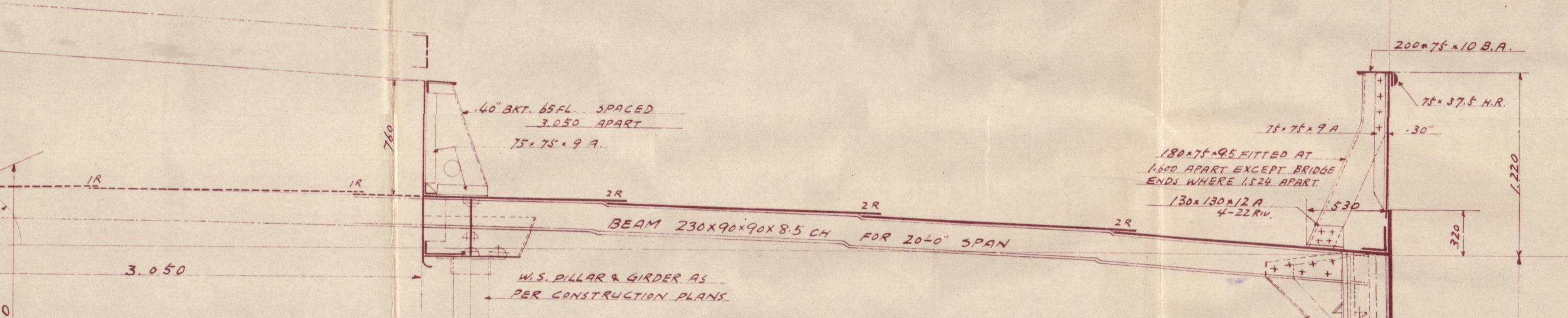
LENGTH OVERALL	141.300
LENGTH BETWEEN P.P.	136.000
BREADTH MLD.	19.000
DEPTH MLD. TO UPPER DECK	10.500
LOAD DROUGHT MLD.	8.230
SHEER AT UPPER DECK FORWARD	2.900
" " " AFTWARD	1.400
CAMBER OF SECOND DECK	.150
" " " UPPER DECK & ABOVE	.380
THEEN DECK HEIGHT, 2ND TO UPPER DECK (AT CENTRE)	3.100
" " " UPPER TO BRIDGE DECK	2.450
" " " UPPER TO FLE & POOP DECK	2.300

CLASS, TEISHINSHO'S 1ST CLASS & LLOYD'S 100A1
FULL SCANTLING VESSEL

SCANTLING NUMERALS (FEET UNITS)

D	36.65'
Lx D	44622x36.65 = 15,372.28
Lx (B+D)	44622x(6236+3646) = 43,189.63
L/D TO UPPER DECK	44622/36.65 = 1.2195
" " " BRIDGE DECK	44622/42.49 = 1.050

'd' (FOR FRAMING) SEE TABLE OF MAIN SIDE FRAMING BELOW



"NAGARA MARU" (YARD NO. 5. 220.)
"NARUTO MARU" (" NO. 5. 222.)

MID SHIP SECTION.

SCALE. 1 : 25.

中央橫斷面圖

第二百二拾、二拾番船

長良丸、鳴門丸

尺度二十五分之一



JAH1009

A.K.

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中央橫斷面圖

日本郵船株式會社

船尾骨材及舵

STERN FRAME
& RUDDER

尺度 1 : 25
1 : 10

工事番号 S. 220-222

横濱船渠株式會社
設計課

課長

係長 *Murata*

係員

製圖 海上

年月日 昭和8年3月25日

出図

類別番号 H211

回面番号 漢H845.

1,230 + 800

18

ロイド

GENKOKU 108

220 Horuto Nam


222 NARUTO MARU



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出 圖		工 區	事 分	H. I
船 造	X 造機	另	修理	船木
國	X 鍊鐵		船渠	船主
工	/ 鑄造		運輸	監督
裝	銅工		製帆	遞信
械	製罐			口卜
付	旋盤		監查 X	海協
鑄	仕上		重量	承認
模	X 工具		扣 1.X	註文
鑄	電氣		油泵 2	註承 見積

日本郵船株式會社

船尾骨棧及舵

STERN FRAME
& RUDDER

横濱船渠株式會社 S. 220-222

設 計 課

長
貢
銀
印
海
上

年月日 昭和8年3月25日
出因

H211
Lloyd's Register
H845

號 上 仕 上

S. 220-222

舵軸受金具

尺度 1/5

RUDDER
GUIDE BEARING

御承認用



NARUTO MARU

14

ロイド

108

MJM 9570

'NAGARA MARU'
Nagara Maru



監査	検査
外註	船材 計

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製 作 表 (一隻 分)									
工事 區分	符 號	名 称	材 質	合 計 量	製造個數			製作 工場	加 工 工 場
					常備	豫備	合計		
	1	GUIDE BEARING BOTTOM PART	C.S.	980 ^{M9}			2	1	半
	2	" COVER	"	546			2	1	"
	3	" BUSH	N.B.	196			4	1	"
	4	PACK WOOD LINNER	LIGNUM- VITAE	32			2	半	"
	5	FASTENING BOLT	F.S.				16	L	"
	6	" NUT	"	139			16	L	"
	7	LOCK NUT	"				16	L	"
	8	STUD	"	7			16	L	"
					計	1,900 ^{M9}			

CAST STEEL TO BE OF ELECTRIC FURNACE PROCESS

STEEL SINGLE SCREW CARGO MOTOR VESSEL
RUDDER GUIDE BEARING

SCALE 1

製造數貳組
壹隻分

水壓試驗力							監查			檢查	
監督	兵監	議員	船主	海事	ロイド	海協	本社	監查	外註	船材	計
木工	船渠	機械	鑄造	鍊鐵	銅工	製罐	電氣				

仕上記號		滑ナル黒皮面
		荒仕上
		並仕上
		上仕上

軸受金具

尺度 1/5

RUDDER
GUIDE BEARING

御承認用

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